CLAIMS

1. A positive active material comprising a composite oxide which is constituted of at least lithium (Li), manganese (Mn), nickel (Ni), cobalt (Co), and oxygen (O) and is represented by the following chemical composition formula:

$Li_aMn_bNi_cCo_dO_e$ (Chemical composition formula 1)

(wherein $0<a\leq1.3$

$|b-c|\leq0.05$

$0.6\leq d<1$

$1.7\leq e\leq2.3$

$b+c+d=1$).

2. A positive active material comprising a composite oxide which is constituted of at least lithium (Li), manganese (Mn), nickel (Ni), cobalt (Co), and oxygen (O) and is represented by the following chemical composition formula:

$Li_aMn_bNi_cCo_dO_e$ (Chemical composition formula 1)

(wherein $0<a\leq1.3$

$|b-c|<0.03$

$0.8\leq d<1$

$1.7\leq e\leq2.3$

$b+c+d=1$).

3. A non-aqueous electrolyte battery having a positive electrode containing the positive active material of claim

1 or 2, a negative electrode, and a non-aqueous electrolyte.

4. A non-aqueous electrolyte battery having a positive electrode, a negative electrode, and a non-aqueous electrolyte, characterized in that the positive electrode contains a lithium-manganese oxide (A) having a spinel structure and represented by the general formula $LiMn_2O_4$ and a lithium-nickel-manganese-cobalt composite oxide (B) having an α-$NaFeO_2$ type layer structure and represented by the general formula $Li_aMn_bNi_cCo_dO_e$,

wherein

$0<a\leq 1.3$

$|b-c|\leq 0.05$

$0.6\leq d<1$

$1.7\leq e\leq 2.3$

$b+c+d=1$.

5. A non-aqueous electrolyte battery having a positive electrode, a negative electrode, and a non-aqueous electrolyte, characterized in that the positive electrode contains a lithium-manganese oxide (A) having a spinel structure and represented by the general formula $LiMn_2O_4$ and a lithium-nickel-manganese-cobalt composite oxide (B) having an α-$NaFeO_2$ type layer structure and represented by the general formula $Li_aMn_bNi_cCo_dO_e$,

wherein

$0<a\leq 1.3$

$|b-c|<0.03$

$0.8\leq d<1$

$1.7\leq e\leq 2.3$

$b+c+d=1$.

6. The non-aqueous electrolyte battery of claim 4 or 5, characterized in that the positive electrode contains the (A) and the (B) in a proportion (weight ratio) of from 5:95 to 90:10.